

19971217.ba v01\_n837.bam.971217

>From ???@??? Wed Dec 17 21:43:59 1997  
Message-Id: <199712171643.KAA03153@sco.theporch.com>  
Date: Wed, 17 Dec 1997 10:43:36 CST  
Subject: BOATANCHORS digest 1837

BOATANCHORS Digest 1837

Topics covered in this issue include:

- 1) G-77 Manual spoken for  
by "larry W6WUH" <rau@wco.com>
- 2) KWM-2A crystals needed  
by gpewitt@execpc.com
- 3) Re: What is a BC-1033?  
by gwoods@albany.net (Gary Woods)
- 4) FT Panel meter For SB-600  
by "Allan Fritsche" <fritsche@classic.msn.com>
- 5) Re: KWM-2A crystals needed  
by Ken Gordon <keng@uidaho.edu>
- 6) RE: 3.1KHz Filter for the 75A4 & Squids  
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 7) SX 100 BFO..coil and knob  
by DCrespy <DCrespy@aol.com>
- 8) BA Christmas wishes....  
by Tom Norris <badger@telalink.net>
- 9) Re: SX 100 BFO..coil and knob  
by "Arden Allen" <aallen@sirius.com>
- 10) Transister's B'day/card wrong  
by MNHopkins <MNHopkins@aol.com>
- 11) Re: Need connectors for BD-77  
by radiobwn@riconnect.com (Christopher A. Bowne)
- 12) RE: What is a BC-1033?  
by "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>
- 13) Re: On perfection inside a BA  
by "Arden Allen" <aallen@sirius.com>
- 14) Re: National RAO Receiver Mechanical Problem  
by John Kolb <jlkolb@cts.com>
- 15) re: SCR522  
by Jerry Proc <jproc@idirect.com>
- 16) Re: tube testers  
by "Arden Allen" <aallen@sirius.com>
- 17) Re: Tube testers -  
by w7ni@teleport.com (Stan Griffiths)
- 18) Re: Heath SB-200 Questions  
by w7ni@teleport.com (Stan Griffiths)
- 19) All ARRL Handbooks Sold

by arc5@ix.netcom.com  
20) Re: SX 100 BFO..coil and knob  
by DCrespy <DCrespy@aol.com>  
21) WTD: 1 KW Dummy Load  
by RSOLOMON@systems.TEXTRON.COM  
22) Can you help with BC-1000 info?  
by Tom Norris <badger@telalink.net>  
23) 522 & info  
by "Paul Bernhard" <W2TU@classic.msn.com>  
24) RS 6 & PE-162C FS  
by Paul Thekan <Paul.Thekan@eimac.cpii.com>  
25) Stopping Tube Thieves  
by arc5@ix.netcom.com  
26) Re: Stopping Tube Thieves  
by Paul Thekan <Paul.Thekan@eimac.cpii.com>  
27) Re: SX 100 BFO..coil and knob  
by launerb@crl.com (William H. Launer)  
28) Re: Stopping Tube Thieves  
by L & M <toneri@ils.net>  
29) Re: Tube identification  
by John Shriver <jas@shiva.com>  
30) Not Just Tubes...  
by Don <71333.144@compuserve.com>

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Date: Tue, 16 Dec 1997 16:11:25 -0800  
From: "larry W6WUH" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: G-77 Manual spoken for  
Message-ID: <199712170012.QAA05174@shell.wco.com>

The G-77 manual has found a home..where it can help put a G-77 back on the air.

larry

-----  
Date: Tue, 16 Dec 97 19:15:28 PST  
From: gpewitt@execpc.com  
To: boatanchors@listserv.tempe.gov, boatanchors@theporch.com  
Subject: KWM-2A crystals needed  
Message-ID: <Chameleon.971216192329.gpewitt@execpc.com.execpc.com>

A very good friend of mine who is currently stationed in Saudi Arabia just got a very nice KWM-2A with speaker, console?, and other goodies (as well as a nice R390A)

for prices that would make you cry. One thing he didn't get was the crystals for the KWM. Apparently they were supposed to be in a "brown box" that can't be found.

Can someone please point me in the direction of someone who can:

- 1 supply the crystals.
- 2.direct me to a source.
- 3.point me to a Collins list or reflector.
- 4.at least tell me what kind, number, and frequency I am looking for.

Ron is one of the nicest guys I ever met and I would really like to help him out.

Thanks in advance and have a truly wonderful Christmas.

God bless us everyone.

-----  
Name: Gary Pewitt N9ZSV/KT  
6120 W. Calumet Rd. Apt 204  
Milwaukee, WI 53223  
414 355 8147 Home 414 297 4307 Work  
E-mail: gpewitt@execpc.com  
Date: 12/16/97  
Time: 19:15:28

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-----  
Date: Wed, 17 Dec 1997 01:20:52 GMT  
From: gwoods@albany.net (Gary Woods)  
To: boatanchors@theporch.com  
Subject: Re: What is a BC-1033?  
Message-ID: <349928de.11506374@mail.albany.net>

On Tue, 16 Dec 1997 17:51:39 -0500, you wrote:

>Richard and the Group,

>

> The BC-1033A is a three-tube fixed-tuned 75MC "marker" receiver. These  
>were used in aircraft to detect the outer, middle, and inner marker when  
>approaching the runway. My suspicions are that they're rather insensitive  
>and largely useless for anything but their original application.

>

I remember those critters from my Navy Airdale days- yes, sensitivity is in millivolts... it is hooked to an antenna that's directional

straight down, so you only hear the marker beacons when you fly right over them.

[off-topic warning]: When I first got "flight simulator," I was flying toward O'Hare, and as the runway came into sight, I heard a rapid beeping sound. Took me a bit to figure out I was hearing the inner marker... I had come in at a weird enough angle to miss the others. Extra points for realism!

--

Gary Woods O- K2AHC Public key at [www.albany.net/~gwoods](http://www.albany.net/~gwoods), or get 0x1D64A93D via keyserver

[gwoods@albany.net](mailto:gwoods@albany.net) [gwoods@wrgrb.com](mailto:gwoods@wrgrb.com)

fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

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Date: Wed, 17 Dec 97 01:37:05 UT

From: "Allan Fritsche" <[fritsche@classic.msn.com](mailto:fritsche@classic.msn.com)>

To: [boatanchors@theporch.com](mailto:boatanchors@theporch.com)

Subject: FT Panel meter For SB-600

Message-ID: <UPMAIL03.199712170137280922@classic.msn.com>

Hello Gang, am currently working on my new BA, the lowly SB-101.. I need a Manual and a SB-600 speaker, I have for trade a new in box Simpson Panel meter , Scale 0-100 , 4.5 inches wide and 2.7/8 high. Circular hole is 2 7/32.. Everything is there, box , mounting hardware, drilling template, etc... Has KS-19809LI (WECO) printed on scale and a red mark at division 70... What a beautiful meter, but I have no use for it...

Anybody got that lowly sb-600 new was (16 bucks) and a SB-101 manual copy they would like to trade.

Let me Know

Al

[fritsche@classic.msn.com](mailto:fritsche@classic.msn.com)

KD5CML

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Date: Tue, 16 Dec 1997 17:46:46 -0800 (PST)

From: Ken Gordon <[keng@uidaho.edu](mailto:keng@uidaho.edu)>

To: [gpewitt@execpc.com](mailto:gpewitt@execpc.com)

Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: KWM-2A crystals needed  
Message-ID: <Pine.BSF.3.95.971216174134.25798G-1000000@piobaire.mines.uidaho.edu>

> crystals for the KWM. Apparently they were supposed to be in a "brown box"  
> that can't be found.

When I have seen the crystal sets with the KWM-2A, they were in a "pack" not a box. It was a grey, plastic (?) envelope looking thing which folded out to make an object about 12" high and perhaps 18" wide with little labeled "pockets" for each crystal. There were enough to cover every 200 kc from 2 -32 mHz less those in the radio and those frequencies near the VFO frequency or IF frequency. Something like 150 crystals.

Those who know exactly can correct me, and probably will.

A friend of mine found two of the packs in a dump near Malmstrom AFB near Great Falls, Montana back in the '60s.

Ken W7EKB

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Date: Tue, 16 Dec 1997 19:58:41 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
To: BoatAnchors <boatanchors@theporch.com>  
Subject: RE: 3.1KHz Filter for the 75A4 & Squids  
Message-ID: <34973FDF.5F31@lobo.net>

Thanks, gang..the filter went quite quickly.

Wish I had one for everyone who asked.

Next: A few more letters in on the incendiary squids in the BC645s which found their way into our supply lines over the years..perhaps it wasn't a myth after all.  
Herb Rosenthal W5AN

-----  
Date: Tue, 16 Dec 1997 22:47:20 EST  
From: DCrespy <DCrespy@aol.com>  
To: hallicrafters@qth.net, boatanchors@sco.theporch.com  
Subject: SX 100 BFO..coil and knob  
Message-ID: <7a09edad.34974b4a@aol.com>

Help.. !! picked up a very restorable SX 100 about 10 days ago (?). After

checking it out, I found only a few problems. This set should clean up very nicely if I can get past these.

I need a BFO coil for it. This is the permeability tuned BFO that runs at 50 kHz. The coil is tuned from the front panel by moving the slug in and out. The slug is ok.. the coil is 'open'.

The only knob missing was the one for this control (a hint that the BFO problem was not new?). so I also need a knob. It looks like a spare SX-42 knob will work with a shaft sleeve if I can find a junk knob to get the conical insert in the center.

So. Can anyone help.. the coil, the knob or the insert ??

I'd even consider buying a parts set to get them.

(Last resort would be to change over to capacitance tuned VFO, using an old TV horizontal sweep oscillator coil??)

Harry KG5LO  
Saline MI

-----  
Date: Tue, 16 Dec 1997 22:43:48 -0600  
From: Tom Norris <badger@telalink.net>  
To: (Recipient list suppressed)  
Subject: BA Christmas wishes....  
Message-ID: <3.0.3.32.19971216224348.00754364@mail1.telalink.net>

My BA Christmas wish (for me ) --

Does anyone have an extra "small" power supply for the GRC-109 they might part with, or possible trade for a "large" power supply ( pp-2684)?

Happy Holidays to all

73

Tom

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Date: Tue, 16 Dec 1997 21:14:24 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <DCrespy@aol.com>  
Subject: Re: SX 100 BFO..coil and knob

Message-ID: <199712170513.VAA26155@mail2.sirius.com>

Harry's problem:

> The slug is ok.. the coil is 'open'.

Most coil opens are caused by the coil wire breaking at or near yhe solder one of the solder terminals. Inspect the wire at the terminals with a 7-10 power loupe or magnifier. Repairing a coil wire takes time and LOTS of patience but you can do it with the Yankee ingenuity approach. Remove varnish/coil dope with a shortened bristle artist's brush and acetone to free the wire so that the end can be tinned. Solder a small wire (like a strand from a multistrand wire) to the coil terminal. Line the free ends of the two wires so they lay side by side and solder. Use magnification throughout this process so you can move precisely and avoid damage to the coil or break the wire off at the coil. I've repaired some coils that tool hours of work to do but it's possible if you stay the course. Good luck.

Give your loved ones Gummy Bears.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Wed, 17 Dec 1997 00:31:13 EST  
From: MNHopkins <MNHopkins@aol.com>  
To: Boatanchors@theporch.com  
Subject: Transister's B'day/card wrong  
Message-ID: <27dd2fdb.349763a3@aol.com>

Over on the QRP-L they celebrated the birthday of the transistor, 16 DEC 1947, yesterday. That should not surprize us as the store-bought QRP transceiver kits they all use are in themselves monuments to Shockley et als, but I laughed at the assumption in the post -- "Happy Birthday Mr. Transistor."

It has a nice aliterative ring to it, but it is fundamentally flawed. Transistors ain't male, they are female The blind spot is just that ours is not as good a language for sexual nuance as French, Spanish or Chinese.

No two transistors are ever the same, and indeed, a given one is often not the same on sequential days. They are smaller than the other model and that leads some to think they are less expensive, at least 'till the cost are counted up, and no one has even written a book that adequately explains them. In short, female.

Old Sigmund F. said it, but I can imagine it coming from Frank Jones:

"What do transistors want?"

Anyway, if you want to know more about transistor history, try:

<http://www.lucent.com/ideas2/heritage/transistor/index.html>

If you want to know more about women, I suggest you start by using a Smith Chart in Chinese and kinda work up to it.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

-----  
Date: Wed, 17 Dec 1997 00:45:52 -0500  
From: radiobwn@riconnect.com (Christopher A. Bowne)  
To: owensc@nebeng.otis.com  
Cc: boatanchors@theporch.com  
Subject: Re: Need connectors for BD-77  
Message-ID: <199712170545.2360200@RIconneCT.com>

A functional, if not visually correct substitue, is to make a harness using iniline crimp connector sleeves as attachment terminators to the large banana type pins of the BD-77/BC-191/375 connectors. The dark blue ones are about the right size, but may need a slight squeeze before connection to make a snug fit. I have used these on my BD-77/BC-191 setup for several years. They also work well on the SCR-274N's BC-456 modulator connector pins.

There are several subscribers on the net who may have the original connectors and if so, will doubtless reply to you.

I now have the correct connectors for the BD-77, but have not installed them for the following reason - I can't get the ^#^#^#?#^%#0% back shells to seperate from the connector inserts! Over the years, they appear to have bonded very tightly, as if glued! Anyone out there encountered this problem, and how did you resolve it?

73,

Chris Bowne, AJ1G - ex AJ20, WB2ZPS  
Stonington. CT  
radiobwn@riconnect.com  
AMI No. 211



-----  
Date: Wed, 17 Dec 1997 00:24:03 -0500  
From: "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>  
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>  
Subject: RE: What is a BC-1033?  
Message-ID: <199712170024\_MC2-2C46-E0D9@compuserve.com>

Richard & Group

As Al said, the BC-1033-A and -B are Marker Beacon Receivers. Commonly carried in all WW-II vintage US multi-engined and some single engined aircraft. Technical manual is AN 08-10-157 DTD 03 APR 43.

73, Robert W. Downs, WA5CAB  
RWDowns\_WA5CAB@compuserve.com  
Houston, TX

-----  
Date: Tue, 16 Dec 1997 21:57:13 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <wayne.harrah@mci.com>  
Subject: Re: On perfection inside a BA  
Message-ID: <199712170556.VAA28047@mail2.sirius.com>

Buzz (oh ba challenged one);

What you describe is familiar territory to me and I'm sure to some others in the audience. I made peace with Murphy & Co. some time ago by adopting a 'be good at what you do philosophy.' What this means is: Take the task at hand and break it down into its fundamental steps (like tightening a screw, soldering a wire, etc.) and then accomplish each item as if it was a complete job in itself. For example, if your'e tightening a screw, use the right screwdriver. If you don't have a good tool go to the hardware store and buy a good quality screwdriver. Try out your new screwdriver on some unimportant junk to get the feel of your new tool. Work your way up to the critical operation gradually with a good supply of confidence. Knowing you did a good job tightening a screw brings the joy of accomplishment that provides the positive reinforcement necessary to meet that self-fullfilling-prohecy ogre head on and beat him every time. It also makes being a perfectionist feel good. Get the idea in your head that youv'e got to perform miracles and you'll blow the whole program and start making mistakes to Murphy's delight! In time you'll own a great set of tools and you'll be damn good at using them. And your work will show it!

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Tue, 16 Dec 1997 22:13:23 -0800 (PST)  
From: John Kolb <jlkolb@cts.com>  
To: Dave Hollander <davidh@getnet.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: National RAO Receiver Mechanical Problem  
Message-ID: <Pine.SCO.3.91.971216215615.16836A-100000@sd.cts.com>

On Tue, 16 Dec 1997, Dave Hollander wrote:

> My National RAO catacomb radio is now running quite nicely however I  
> have a problem with backlash on the main tuning dial. I have torn into  
> the gear box without taking anything apart and can see what is slipping

On mine, I moved one of the gears a couple of teeth to put more tension on the spring. To do that, you have to remove the shaft the gear is turning on. Take the top off the gearbox, and wash out all the old grease - easiest to remove the entire tuning cap. Two shafts run front to back, a force fit in front and held by a nut on a threaded portion on the back of the gearbox. Loosen the nut on the shaft with the spring loaded gear, and keeping the nut on to protect the threaded end of the shaft, use something such as a "C" clamp to push the nut towards the gearbox, pushing the shaft slowly out the front. Once the friction fit at the front of the shaft is loose, remove the nut, but keep the shaft in place for now. The two gears on shafts have molded areas on them which serve as a gear stop. If you reassemble things wrong, the cap will stop before turning a full 180 deg. Now remove the shaft, holding the gear in position. Slip it out of position enough to rotate the spring loaded portion a tooth, without rotating the front part of the gear. Put back into position, reinstall the shaft lightly and test. It may still need more tension, or you might have gone the wrong way. Once the backlash is at an acceptable level, tighten the nut on the shaft, fill the gear box with lubraplate and enjoy.

Your mileage may vary - these are my memories from a year ago. Had about a quarter inch of backlash when I started.

John Kolb KK6IL

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Date: Tue, 16 Dec 1997 20:19:29 -0500  
From: Jerry Proc <jproc@idirect.com>  
To: boatanchors@theporch.com  
Subject: re: SCR522  
Message-ID: <349728A1.8E@idirect.com>

For those of you who are interested in the SCR522, I have a photo of one and a short write up on my web page:

<http://www3.sympatico.ca/hrc/haida/radio/ww2rad.htm>

This particular unit is wearing the blue paint scheme of the Royal Canadian Air Force.

Regards,  
Jerry Proc VE3FAB   jproc@idirect.com  
Web:           www3.sympatico.ca/hrc/haida  
HMCS HAIDA Naval Museum, Toronto Ontario

-----  
Date: Tue, 16 Dec 1997 23:50:02 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: tube testers  
Message-ID: <199712170749.XAA21306@mail3.sirius.com>

> Where did I go wrong? (about tubes, that is)

I don't think you did Bill. As a general rule, emission and transconductance tests are essentially equivalent. I've compared emission and transconductance readings of tubes many times and I find very good correlation. A cathode that doesn't emit electrons stands in the way of amplification. Tube testers do a good job of detecting "flat" tubes. A tube tester is more useful when testing for problems such as grid emission, gas, and intermittency. My B&K 606, an emission tester, which also does a grid emission test, is more useful for checking tubes for suitability for use in AVC controlled RF/IF circuits. However grid emission is not a problem in many circuits. I won't toss a tube that exhibits moderate amounts of grid emission. If I did that I'd soon run out of 6DJ8's for my Tek 'scopes. I just mark a tube with grid emission "GI" so I won't use it where it will cause problems. Microphonics can't be tested for in most tube testers. The old 'tap-tap'

test with the tube in it's operating socket is the only way to detect that problem. The only good test for an audio power tube is in its operating circuit being tested for power output and distortion using test equipment. Not too long ago I turned on my '38 Zenith 6-8-223 and got no sound. After a little knob twiddling I surmised the 6A8's oscillator had quit. I knew the tube to be good so I figured something was amiss. I gingerly removed the tube from the radio and checked it in my B&K. Sure enough, it had a short. I turned the tube upside down, tapped it a few times and stuck it back in the tester. No shorts indicated. The tube is back in the radio giving good service. Why chuck a good tube just because it has a speck of dust in it? So for me it depends on what you want out of a tube which determines how useful a tube tester is.

Give your loved ones Gummy Bears.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Wed, 17 Dec 1997 02:40:34 -0800 (PST)  
From: w7ni@teleport.com (Stan Griffiths)  
To: acomarow@USNEWS.COM  
Cc: boatanchors@theporch.com  
Subject: Re: Tube testers -  
Message-ID: <199712171040.CAA21553@smtp3.teleport.com>

>To Hank, Stan, and others more conversant with tube subtleties than I am:  
>  
>Please, what IS "cathode interface"? It sure sounds impressive if  
>supressing it required \*exactly\* the right tube.  
>  
>Avery W40GK

Hi Avery,

As a technician, I know how a tube with cathode interface acts in a circuit and I know the cure is replacing the tube. I ain't a engineer so I don't know the guts of tubes very well at all.

There was a very good write up on cathode interface in Electric Radio a couple of years ago by a guy who sounded like he really knew what he was talking about. I can't recall the author or which issue, unfortunately. I think someone just did a cross reference of past Electric Radio articles so you might find it there.

Cathode interface is not one of those problems that require you to select individual tubes. It comes on tubes with age and simply replacing the old tubes with new tubes cures it (for awhile). Tek used a lot of 6DK6s in the 540 series vertical amplifiers. GE developed a replacemnt for the 6DK6 that

was not subject to cathode interface called the 8136. So I guess I would conclude that with the right choice of cathode materials, you could make replacements for all the tubes that suffer from cathode interface. As far as I know, nobody did for any of the rest of the tube types that are subject to cathode interface.

Stan w7ni@teleport.com

-----  
Date: Wed, 17 Dec 1997 02:41:04 -0800 (PST)  
From: w7ni@teleport.com (Stan Griffiths)  
To: brooknerk@acm.org  
Cc: boatanchors@theporch.com  
Subject: Re: Heath SB-200 Questions  
Message-ID: <199712171041.CAA21585@smtp3.teleport.com>

Hi Ken,

Here are a few suggestions you might try:

Also, C-24, the 1000 uuf, 5KV cap has been replaced with 2  
>500 uuf 20 KV caps in parallel. Not a great job and I intend to clean  
>this up.

Without pulling out the schematic, I suspect this is the plate coupling cap that goes from the 572B plates to the Pi net circuitry. When those caps fail, it is usually because they could not take the RF current and not because of too much voltage. Sound like the previous owner tried to fix the problem by just upping the voltage rating without really understanding the most likely failure mode. I suggest you replace the two caps in there with a CRL cap of the right value that will handle the RF current.

PC1 and PC2 look like they've seen much better days. If anyone  
>can tell me the value of the resistors, I'll replace them. If you've got  
>coil data for them too, I'd just as soon wind some new ones on new  
>resistors--these have been worked over and I can't really tell what they  
>should be. I'm really suspicious of these units...

Sounds like you need a manual. I don't have a spare but there are guys on this list who can print you a copy.

>40 and 20 meters are the only bands that seem to halfway work. on 40,  
>110W in gets 500W out. On 20, 110W in results in 450W out.

500 watts is about all I expect to get out of my SB200 but it should be there on all bands.

>Here's what I've found:

>

>80 meters: 120W in, 130W out. 200ma plate, 60ma grid, 2100V plate.

>40 meters: 110W in, 500W out. 325ma plate, 230ma grid, 1950V plate.

>20 meters: 110W in, 450W out. 320ma plate, 120ma grid, 1950V plate.

>15 meters: 110W in, 260W out. 240ma plate, 105ma grid, 2000V plate.

>10 meters: 110W in, 130W out. 200ma plate, 105ma grid, 2100V plate.

>

>Any suggestions/advice will be appreciated. Thanks!

Low output on 80 meters along with low drive power suggests to me that the tuned input is screwed up. Lowest output on 10 meters and just a little better on 15 suggests you have flat 572Bs.

Stan w7ni@teleport.com

-----  
Date: Wed, 17 Dec 1997 05:26:51 -0600 (CST)

From: arc5@ix.netcom.com

To: baswaplist@foothill.net

Subject: All ARRL Handbooks Sold

Message-ID: <19971217525564292@>

Thanks,

Dave AB5S

-----  
Date: Wed, 17 Dec 1997 06:40:00 EST

From: DCrespy <DCrespy@aol.com>

To: aallen@sirius.com

Cc: boatanchors@sco.theporch.com

Subject: Re: SX 100 BF0..coil and knob

Message-ID: <54f4697d.3497ba13@aol.com>

Arden,

you'd written:

>>Most coil opens are caused by the coil wire breaking at or near yhe solder one of the solder terminals. Inspect the wire at the terminals with a 7-10 power loupe or magnifier. Repairing a coil wire takes time and LOTS of patience but you can do it with the Yankee ingenuity approach....<<

Thanks for the tip. You've made me re-assess my thinking. I originally had

done as you suggested. The 'tap' lead for the coil (actually 2 leads) were broken at the point where they entered the coil from the edge. They left only a small stubs. I have them soldered to a #28 lead glued to the surface of the coil and leading to the terminal. When I had continuity in only one direction from the tap, and confirmed that the soldering was OK , I assumed that one of the leads was broken off inside the windings. I had looked only visually at the remaining 'end' lead for continuity. It is well soldered to the terminal, and is visually in tact until it disappears under the coil dope. I will go back and give it another look!!

I will keep you posted! THANK YOU!

(in any case still need the knob! any leads?)

Harry

-----  
Date: Wed, 17 Dec 1997 07:50:02 -0500  
From: RSOLOMON@systems.TEXTRON.COM  
To: " - (052)boatanchors(a)sco.theporch.com"  
<boatanchors@sco.theporch.com>  
Subject: WTD: 1 KW Dummy Load  
Message-ID: <0034100001860873000002L032\*@MHS>

I am looking for a KW Dummy Load (Bird variety) good to 500 MHz to add to my bench capabilities. Tried other sources with no luck, hope I do better here.  
Thanks, Dick, W1KSZ  
rsolomon@systems.textron.com

-----  
Date: Wed, 17 Dec 1997 07:52:59 -0600  
From: Tom Norris <badger@telalink.net>  
To: boatanchors@theporch.com  
Subject: Can you help with BC-1000 info?  
Message-ID: <3.0.3.32.19971217075259.007676e8@mail1.telalink.net>

Reply to Mitja, not to me.

Thanks

Tom

>Date: Wed, 17 Dec 1997 00:24:39 -0800 (PST)

>From: Mitja Podgornik <yamamoto@rocketmail.com>  
>Subject: bc-1000/scr-300  
>To: badger@telalink.net  
>  
>  
>Hello!  
>  
>I have a couple of BC-1000/SCR-300 transcievers in a pretty good  
>condition. But without batteries...  
>In other words, i need information about voltages and power connector  
>assignments.  
>Can You help me?  
>  
>Sincerely  
>73 Mitja  
>  
>  
>  
>  
>  
>  
>  
>-----  
>DO YOU YAHOO!?  
>Get your free @yahoo.com address at <http://mail.yahoo.com>  
>  
>  
>

-----  
Date: Wed, 17 Dec 97 14:34:07 UT  
From: "Paul Bernhard" <W2TU@classic.msn.com>  
To: boatanchors@theporch.com  
Subject: 522 & info  
Message-ID: <UPMAIL18.199712171435250532@classic.msn.com>

Hi gang;

I used the scr-522 many years ago for what may be the most unique job. In 1947 for a high school science congress my partner and I used the 522 transmitter to supply modulated RF to a light source. This was intercepted by a photo cell and Audio equipment to convert it back to the original sounds. Our premise was to demonstrate "Transmitting sound on a beam of light". Unfortunately we lost out to another school which "split the atom!".

I have brought the TM's home from the Sullivans for the equipment and will get the answers for several who asked shortly.

A Blessed Christmas season to all.



Paul B. W2TU  
w2tu@msn.com

-----  
Date: Wed, 17 Dec 1997 06:53:15 -0800  
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>  
To: boatanchors@theporch.com  
Subject: RS 6 & PE-162C FS  
Message-ID: <2.2.16.19971217065439.299f1fbc@eitel.eimac.cpii.com>

Hello All

Just received my issue of Military Vehicles magazine and in there I found a ad from BARANS in PA. advertising for sale the RS 6 complete with all accessories , water proof bags , cables etc , used , but in excellent condition \$400 and they only have 3 sets. The PE-162C gas generator for the GRC 9 in new condition with manual , spares , tool kit etc for \$110. Not to bad a price . Fair had the same thing a few years back for about \$135.

BARANS can be reached at: Phone 717 779 0439 evenings  
Fax 717 779 2725

PLEASE CONTACT BARANS AND NOT ME. I am just passing along the info to the group. The RS 6 would make a nice stocking stuffer for Xmas.

Happy Holidays  
Paul N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@eimac.cpii.com

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Date: Wed, 17 Dec 1997 08:59:30 -0600 (CST)  
From: arc5@ix.netcom.com  
To: boatanchors@sco.theporch.com  
Subject: Stopping Tube Thieves  
Message-ID: <199712178585346334@>

I've run into cases of low-lifes (no one here on BA!) buying a tube from me, writing and saying it's defective, and returning a different, bad tube in it's place for a refund. I'm sure some of you have as well. I've started something I think very practical for stopping these snakes cold.

Every tube's getter pattern is unique. It's like a "fingerprint" for an individual tube. I've started getter-patterning all my most valuable tubes before shipping. It's easy and requires only a millimeter ruler and a camera.

More details if there is interest.

Dave Stinson  
Austin, Texas  
arc5@ix.netcom.com

-----  
Date: Wed, 17 Dec 1997 07:51:04 -0800  
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>  
To: boatanchors@theporch.com  
Subject: Re: Stopping Tube Thieves  
Message-ID: <2.2.16.19971217075227.2bcf9bb6@eitel.eimac.cpii.com>

Dave Stinson wrote:  
>I've run into cases of low-lifes (no one here on BA!)  
>buying a tube from me,  
>writing and saying it's defective, and returning a  
>different, bad tube in it's place for a refund.

I have had a similar experience and what I do now is I use a old QC stamp I have and I stamp the base of the tube with it. I tell the buyer to run the tube first and if everything is to their satisfaction they can then wipe off the stamp if they wish. No returns without the stamp on it. Just a suggestion.

Paul  
N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@eimac.cpii.com

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Date: Wed, 17 Dec 1997 10:19:46 -0600  
From: launerb@crl.com (William H. Launer)  
To: boatanchors@theporch.com

Subject: Re: SX 100 BFO..coil and knob  
Message-ID: <v01530500b0bda3602ec3@[192.0.2.1]>

Arden is right - I repaired an rf coil in an SX-62 that had broken near the terminal. My solution was to unwind one turn, strip the end, and solder it to the terminal. It's tedious, but works very well. For a slug-tuned coil, the loss of a turn or two doesn't make much difference, especially at the lower frequencies.

Good luck, 73

Bill

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279            qrp arci #3551  
Grid Square EM48RT

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Date: Wed, 17 Dec 1997 11:30:54 -0500 (GMT-0500)  
From: L & M <toneri@ils.net>  
To: arc5@ix.netcom.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Stopping Tube Thieves  
Message-ID: <199712171630.LAA07890@server1.ils.net>

At 08:59 AM 12/17/97 -0600, arc5@ix.netcom.com wrote:  
>I've run into cases of low-lives (no one here on BA!)  
>buying a tube from me,  
>writing and saying it's defective, and returning a  
>different, bad tube in it's place for a refund.  
>I'm sure some of you have as well.  
>I've started something I think very practical for  
>stopping these snakes cold.  
>  
>Every tube's getter pattern is unique. It's like  
>a "fingerprint" for an individual tube.  
>I've started getter-patterning all my most valuable  
>tubes before shipping. It's easy and requires only  
>a millimeter ruler and a camera.  
>  
>More details if there is interest.  
>

>Dave Stinson  
>Austin, Texas  
>arc5@ix.netcom.com

Good idea Dave. There are some unscrupulous people out there, even in BA land.  
73...Mike VE3FGU

\*\*\*\*\*  
Mike & Lynda Toneri     E-mail:   toneri@ils.net  
Keswick, Ontario  
WEBPAGE:   <http://www.geocities.com/heartland/meadows/8218>  
\*\*\*\*\*

-----  
Date: Wed, 17 Dec 1997 11:55:36 -0500  
From: John Shriver <jas@shiva.com>  
To: morriso@vifp.monash.edu.au  
Cc: boatanchors@theporch.com  
Subject: Re: Tube identification  
Message-ID: <199712171655.LAA08908@brill.shiva.com>

From: Morris Odell <morriso@vifp.monash.edu.au>

Can someone confirm for me whether tube types 8425 and 8426 are in fact  
special versions of the 6AU6 and 12AU6 ?

Morris VK3DOC

As someone noted, they are indeed based on those tubes. I think that  
they are versions "not subject to cathode interface". (Appropos  
recent conversations.) They were commonly specified in later Tek  
scope sockets. Probably would make sense anywhere a 'AU6 was being  
used as a DC amplifier.

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Date: Wed, 17 Dec 1997 12:46:09 -0500  
From: Don <71333.144@compuserve.com>  
To: boatanchors <boatanchors@theporch.com>  
Subject: Not Just Tubes...  
Message-ID: <199712171249\_MC2-2C52-692@compuserve.com>

Well, I ran into a case once where the joke was definitely on me. About 4  
years ago, I advertised a Drake 1A for sale. This was a really nice unit  
which I had been using daily in my shack. The buyer got it and called  
me--it's not working on 2 bands he says. I want my money back. Okay fine,  
just return the radio. I get the radio and refund his money. But I am very

busy and don't have time to check out the radio so I just set it on the shelf for a month.

I finally get a round tuit, and sure enough it is not working on 2 bands but what the heck, the chassis is all corroded and I remember the chassis as being clean--except for a couple small spots it was shiny. Not only that, the dead 2 bands turn out to be slugs missing from their coils--the set could never have worked on those 2 bands that way. There were several other oddities like the dial pointer did not show up on the dial the way I remembered.

After mucho head scratchin', it finally dawns on me that this guy has pulled a switch. He sent me back a junky 1A hoping to get away with a free upgrade. And what could I say? I had not written down the serial number. And 5 weeks had elapsed since he returned it to me. I was had. I later sold that 1A as-is at a \$125 loss.

That was learning experience. But quite frankly, in 6 years of trading that is one of only 2 blatant rip-offs that I remember--not a bad track record in my opinion. And I have NEVER had any issues with anyone on this list. In fact, it's quite the opposite: The per-capita level of random acts of kindness on this list is WAY, WAY above the norm. A high standard is set here. Pretty rare these days...

Merry Christmas, Happy New Year and 73!  
Don

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End of BOATANCHORS Digest 1837  
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